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**F. No. 23-114/2018-IA.III (V)**  
**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
**(Impact Assessment Division)**

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Indira Paryavaran Bhawan  
Jorbagh Road, New Delhi - 110003

**Dated: 10<sup>th</sup> June, 2021**

To,

**M/s Jesons Industries Limited (Unit I)**  
Sy. No. 377/1/7, Kachigam Village  
Daman and Diu - 396210  
Union Territory of Dadra & Nagar Haveli and Daman & Diu

E.Mail: [dnyaneshwar.patil@jesons.net](mailto:dnyaneshwar.patil@jesons.net)

**Sub: Expansion of Construction, Synthetic Acrylic Polymer Emulsions, Industrial Synthetic Adhesives, Glue and Adhesives at Sy. No. 377/1/7, Kachigam Village, Daman and Diu, Union Territory of Dadra & Nagar Haveli and Daman & Diu by M/s Jesons Industries Limited (Unit I)–Environmental Clearance- regarding**

Sir,

This has reference to your proposal No. IA/DD/IND3/188107/2017 dated 18<sup>th</sup> December, 2020 and further Bank Guarantee letter dated 07.06.2021 and E-Office Computer No. 122102 for environmental clearance to the project for expansion of Construction, Synthetic acrylic polymer emulsions, Industrial synthetic adhesives, Glue and Adhesives by M/s Jesons Industries Limited (Unit I) at Sy. No. 377/1/7, Kachigam Village, Daman and Diu, Union Territory of Dadra & Nagar Haveli and Daman & Diu, as per the provisions of the Ministry's Notification S.O.804 (E) dated 14<sup>th</sup> March, 2017.

2. The Ministry's Notification dated 14<sup>th</sup> March, 2017 provides for appraisal of projects for grant of terms of reference/environmental clearance, which have started the work on site, expanded the production beyond the limit of environmental clearance, or changed the product mix without obtaining prior environmental clearance under the EIA Notification, 2006.

3. The details of products and utilities are as under:

S. No	Product	Capacity (TPM)		
		Permitted/ Existing	Proposed	After Expansion
1	Synthetic Adhesives	250	--	250
2	Textile Auxiliaries	450	--	450
3	Vinyl Polymers	--	800	800
4	Acrylic Polymers	--	835	835

5	Glue & Adhesives	--	170	170
6	Primary Ink ( <i>By mixing and blending without chemical reaction and usage of diazo dyes</i> )	50	---	50
	<b>Total</b>	<b>750</b>	<b>1805</b>	<b>2555</b>

#### List of Utilities

S. No	Utility	Consented	Addition	After Expansion
1	Furnace Oil Fired Boiler (Kg/hr)	2 x 850	---	2 x 850*
2	DG Sets (kVA)**	1 x 250	1 x 250	2 x 250

Note: \* 1 x 850 Kg/hr Furnace oil fired Boiler shall be kept as standby.  
\*\*DG sets will be used during load shut down period only.

4. It is noted that the existing land area is 2913.74 sqm (0.72 acres), and no additional land will be required for proposed expansion. Industry has developed Greenbelt in an area of 971.25 sqm (0.24 acres), covering 33% of total project area. The estimated project cost for expansion is Rs 4 crores. Total capital cost earmarked towards environmental pollution control measures is Rs 42.9 lakhs and the recurring cost (operation and maintenance) will be about Rs 27.4 lakhs Per annum. The expansion project will provide employment for 15 persons directly. Industry proposes to allocate Rs. 10 lakhs towards Corporate Environment Responsibility (CER).

5. It is noted that there are no National Parks, Wildlife Sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors, Reserve forests etc. within 10 Km distance from the project site. There are nine reserve forests in the study area. Interstate boundary of Gujarat and the UT of Dadra & Nagar Haveli and Daman & Diu is at a distance of 0.62 km from the site in south direction. Daman Ganga river flows at 0.4 km (SW), Kolak river flows at 5.5 km (NW) and Kalu/Darota Nadi flows at 3.4 km (SW) from the project site.

6. It is noted that the the total water requirement after expansion is 67.1 KLD out of which 57.9 KLD will be fresh water and 9.2 KLD is recycled water. The required water is drawn from external sources of Industrial tankers.

Effluent of 10.8 cum/day will be treated through "Zero Liquid Discharge" based effluent treatment system. The treatment system consists of biological treatment plant followed by evaporation. Condensate from evaporation is reused in cooling towers and boiler make-up, salts are sent to Gujarat Enviro Protection Infrastructure Limited (GEPIL), Mota Randha, Dadra Nagar Haveli. Domestic wastewater will be sent to septic tank followed by soak pit.

Power requirement after expansion will be 500 kVA including existing 250 kVA and will be met by Daman and Diu Electricity supply. Existing unit has one DG set of capacity 250 kVA; additionally, 1 x 250 kVA DG set is proposed as standby during power failure. Stack (height 9 m) will be provided as per CPCB norms to the proposed DG set.

Existing unit has 2 x 850 TPH furnace oil fired boilers, out of which 1 x 850 kg/hr will be kept as standby. No additional boilers are proposed in the expansion. Effective stack with

height of 30m installed for controlling the Particulate emissions within statutory limit of 115 mg/Nm<sup>3</sup>. No process emissions are anticipated from manufacturing process.

Solid waste generated from proposed expansion is filter residue and reactor scraping residue generated from manufacturing activity, ETP sludge and evaporation salts from wastewater treatment, used oil from boiler and standby DG sets. Filter and reactor scraping residue is sent to CSWD site of GEPIL, Mota Randha, Dadra Nagar Haveli. Waste oil and used batteries from the DG sets are sent to authorized recyclers. The sludge from effluent treatment plant is considered hazardous and the same is sent to CSWD site of GEPIL, Mota Randha, Dadra Nagar Haveli. The solid wastes are stored in containers in designated storage location and are labelled. The other solid wastes expected from the unit are containers, empty drums which are returned to the product seller or sold to authorize buyers after detoxification.

**7.** The project/activities are covered under category A of item 5(f) 'Synthetic organic chemicals industry' of the Schedule to the Environment Impact Assessment Notification, 2006, and requires appraisal by the sectoral Expert Appraisal Committee (EAC) at central level in the Ministry.

**8.** It is noted that the unit was established in the year 2000 and obtained Consent letter no. PCC/DDD/G-2255/WA/KG/99-2000/758 dated 12.07.2000 from Pollution control committee (PCC) of Daman, Diu & Dadra and Nagar Haveli for manufacturing synthetic adhesives (3000 MTPA) and textile auxiliaries (5400 MTPA) which did not attract prior environment clearance as the EIA Notification, 1994. It is noted that the unit initiated production (1805 TPM) of Acrylic Polymers, Vinyl Polymers and Glue & Adhesive without obtaining prior EC since 10.08.2015, in violation of the provisions of the EIA Notification, 2006.

It is noted that Case No. 08/2020 has been filed by the Pollution Control Committee (PCC) of Daman, Diu & Dadra and Nagar Haveli against the project proponent in the Court of Hon'ble Judicial Magistrate First Class, Daman, under Section 15 and 16 read with section 19 (A) of the Environment (Protection) Act 1986.

**9.** Terms of Reference for the project was granted on 5<sup>th</sup> November, 2019. Public hearing for the project has been conducted by the Pollution control committee (PCC) of Daman, Diu & Dadra and Nagar Haveli on 5<sup>th</sup> October, 2020. The main issues raised during the public hearing are related to production quantity, wastewater disposal and storages.

**10.** The proposal for environmental clearance was considered by the Expert Appraisal Committee (EAC) for projects related to violation of the EIA Notification, 2006 in its meetings held on 31<sup>st</sup> December, 2020 and 9<sup>th</sup> April, 2021 in the Ministry, wherein the project proponent and their consultant M/s Team Labs and Consultants presented the EIA/EMP report as per the ToR.

The Committee deliberated on the proposal. The EAC noted that the unit was established in the year 2000 and obtained Consent letter no. PCC/DDD/G-2255/WA/KG/99-2000/758 dated 12.07.2000 from Pollution control committee (PCC) of Daman, Diu & Dadra and Nagar Haveli for manufacturing synthetic adhesives (3000 MTPA) and textile auxiliaries (5400 MTPA) which did not attract prior environment clearance as the EIA Notification, 1994. It is noted that the unit initiated production (1805 TPM) of Acrylic Polymers, Vinyl Polymers and Glue & Adhesive without obtaining prior EC since 10.08.2015, in violation of the

provisions of the EIA Notification, 2006. The total manufacturing capacity is 2555 TPM including Primary Ink, which is not covered under EC product, in existing site area of 0.72 acres. The EAC further noted that application is for 2555 TPM manufacturing capacity and no previous EC was granted to the project. As the proposal is being appraised for EC for the first time, instant proposal should not be treated as expansion proposal, as far as EC is concerned. The EAC therefore opined to modify the subject title. The EAC deliberated on the project including damage assessment part and suggested to revise, which was submitted by the PP. The EAC has also suggested the Project Proponent to submit the revised cost estimate for community development as per PH issues. Further, cost of EMP against PH issues should be delinked with total estimated damage cost and revised EMP cost shall be submitted. The PP submitted the revised details to the EAC. The EAC after detailed deliberation on the information submitted by the PP (EIA/EMP report, PH issues, Form 2, Additional information, Annexure etc), recommended the proposal for grant of Environmental Clearance subject to the compliance of Specific conditions in addition to all Standard conditions applicable for such projects.

**11.** Based on recommendations of the EAC and finalization/approval of the bank guarantee for an amount of Rs 42.06 lakhs by the competent authority, towards Remediation Plan and Natural and Community Resource Augmentation Plan, the project proponent has submitted the desired bank guarantee with the Pollution Control Committee (PCC), UT of Dadra & Nagar Haveli and Daman & Diu. The PCC vide letter No. PCC/DDD/G-2255/WA/AA/KG/99-00/83 dated 7<sup>th</sup> June, 2021 has informed the Ministry regarding receipt of the bank guarantee issued by HDFC Bank vide No.5WSGT02211480016 dated 28<sup>th</sup> May, 2021.

**12.** Considering the proposal submitted by the project proponent, recommendations of the EAC (Violation) and submission of the desired bank guarantee, the Ministry of Environment, Forest and Climate Change hereby accords **Environmental clearance to the project for Expansion of Construction, Synthetic acrylic polymer emulsions, Industrial synthetic adhesives, Glue and Adhesives by M/s. Jesons Industries Limited (Unit I) at Sy. No. 377/1/7, Kachigam Village, Daman and Diu, Union Territory of Dadra & Nagar Haveli and Daman & Diu**, under the provisions of the EIA Notification, 2006 and the amendments made therein read with Ministry's Notification dated 14<sup>th</sup> March, 2017, subject to the compliance of terms and conditions, as under:-

- (i) The bank guarantee shall be released after successful implementation of the Remediation Plan and Natural and Community Resource Augmentation Plan, and after recommendation by Regional Office of the Ministry, EAC and approval of the Regulatory Authority. In case of failure to complete the remediation plan within stipulated time line, the fresh bank guarantee shall be submitted.
- (ii) As proposed, Rs 42.06 lakhs towards Remediation plan and Natural and Community Resource Augmentation plan to be spend within a span of three years as per **Annexure-I**, whereas bank guarantee shall be for 5 years.
- (iii) Approval/permission of the CGWA/SGWA shall be obtained before drawing ground water for the project activities, if applicable. State Pollution Control Board (SPCB) concerned shall not issue Consent to Operate (CTO) till the project proponent obtains such permission.

- (iv) In pursuance to the Ministry's OM dated 30.09.2020, Project Proponent shall take up the activities as per **Annexure-II** considering public hearing issues for community development under EMP.
- (v) Preventive measures to be taken to control ignition sources in bulk storage area and fire protection system to be established above ground storage tanks. Proper earthing shall be provided.
- (vi) Proper precautions to be taken to prevent inadvertent mixing of chemicals. Standard operating procedures to be strictly followed during handling of chemicals.
- (vii) Solvents shall be stored in a separate space specified with all safety measures. Project Proponent shall keep inventory of solvents and fuel not more than five days. Sensors for odours will be installed at sensitive locations.
- (viii) Project Proponent shall ensure proper disposal of Hazardous wastes.
- (ix) As proposed by the Project Proponent, green belt (peripheral plantation) shall be developed as per guidelines of MoEFCC in the additional area adjoining the present boundary.

**12.1.** The grant of environmental clearance is subject to compliance of other general conditions, as under:-

- (i) No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- (ii) The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.
- (iii) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- (iv) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- (v) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and

Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.

- (vi) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
- (vii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
- (viii) The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.
- (ix) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at <https://parivesh.nic.in/>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.
- (x) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
- (xi) This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

**13.** The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

**14.** Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

15. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

16. The above conditions shall be enforced, *inter-alia* under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

17. This issues with approval of the competent authority.

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10/06/2021  
(Dr. R. B. Lal)

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(डा. आर. बी. लाल)

(Dr. R. B. LAL)

वैज्ञानिक 'ई' / Scientist 'E'

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय  
Min. of Environment, Forest and Climate Change  
भारत सरकार, नई दिल्ली  
Govt. of India, New Delhi

**Copy to: -**

1. The Deputy DGF (C), MoEF&CC Integrated Regional Office (Gujarat), E-5, Kendriya Paryavaran Bhawan, E-5 Arera Colony, Link Road-3, Ravishankar Nagar, Bhopal -16
2. The Secretary, Department of Environment & Forest, Fort Area, Post Office Moti Daman, Daman & Diu (U.T.) – 396 220
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 32
4. The Member Secretary, Pollution Control Committee (PCC), Daman, Diu and Dadra Nagar Haveli, 1<sup>st</sup> Floor, Udyog Bhavan, Village Bhenslore, Daman, UT of Dadra & Nagar Haveli and Daman & Diu
5. The District Collector, District Daman (UT of Dadra & Nagar Haveli and Daman & Diu)
6. Guard File/Monitoring File/Website/Record File

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## Annexure-I

**Table 1: Summary**

S.No	Description	Estimated Cost (in Rs. Lakhs)
1	Remediation Plan	10.00
2	Natural Resources and Augmentation Plan	4.00
3	Community Resources Augmentation Plan	28.06
<b>Total</b>		<b>42.06</b>

**Table 2: Remediation plan with budgetary provision**

S. No	Component Remediation	Remediation Proposed	Description	Location	Rate	Total Qty	In Rs.			
							Total Cost	Year I	Year II	Year III
1	Air & Noise Environment	Avenue Plantation	Plantation of native plants at 90% survival rate; with allocated cost of each sapling of not less than Rs.1000, including maintenance for 3 years	Plantation in the industrial area	1000	10,00,000	5,00,000	2,50,000	2,50,000	
<b>SUB TOTAL - A</b>							<b>10,00,000</b>	<b>5,00,000</b>	<b>2,50,000</b>	<b>2,50,000</b>




**Table 3: Natural and Community Resource Augmentation plan with budgetary provision**

S. No	Activity	Description	Location	Rate	Total Qty	In Rs.			
						Total Cost	Year I	Year II	Year III
<b>Natural Resource Augmentation Plan Activities</b>									
1	Ground Water regime recharging	To provide 4 Nos RWH structure in each location of nearby villages including maintenance for 3 years @ Rs.50,000/- per unit	Chala Zariga on	50,000	8	4,00,000	2,00,000	1,00,000	1,00,000
<b>Total - I</b>						<b>4,00,000</b>	<b>2,00,000</b>	<b>1,00,000</b>	<b>1,00,000</b>
<b>Community Resource Augmentation Plan Activities</b>									
2	Infrastructure Development	Relaying and Maintenance of water pipeline network in Chala and Zarigaon in consultation with the panchayat	Chala Zariga on	LS	LS	28,06,342	14,03,171	14,03,171	---
<b>Total - II</b>						<b>28,06,342</b>	<b>14,03,171</b>	<b>14,03,171</b>	<b>---</b>
<b>SUB TOTAL - B</b>						<b>32,06,342</b>	<b>16,03,171</b>	<b>15,03,171</b>	<b>---</b>
<b>TOTAL (A+B)</b>						<b>42,06,000</b>	<b>21,03,171</b>	<b>17,53,171</b>	<b>3,50,000</b>

## Annexure-II

### Activities to be taken up considering public hearing issues for community development under EMP

S.No	Description of Activity	Location	Rate	Total Qty.	Total Cost(Rs.)	Year I	Year II	Year III
1	Repair of Infrastructure and supply of equipment's to government hospital in nearby village *	Moti Daman	8 Lakhs*	1	8 Lakhs	4 Lakhs	2 Lakhs	2 Lakhs
2	Supply & Installation of RO system in nearby village ( <b>70 lts/hr capacity</b> )	Chala Zarigaon	3 Lakhs	2	6 Lakhs	3 Lakhs	3 Lakhs	--
3	Avenue Plantation/Plantation in nearby villages in consultation with village panchayat (fruit bearing trees)	Chala Zarigaon	1 Lakhs	2	2 Lakhs	1 Lakhs	1 Lakhs	--
<b>Grand Total In Rs</b>						<b>8 Lakhs</b>	<b>6 Lakhs</b>	<b>2 Lakhs</b>

  
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